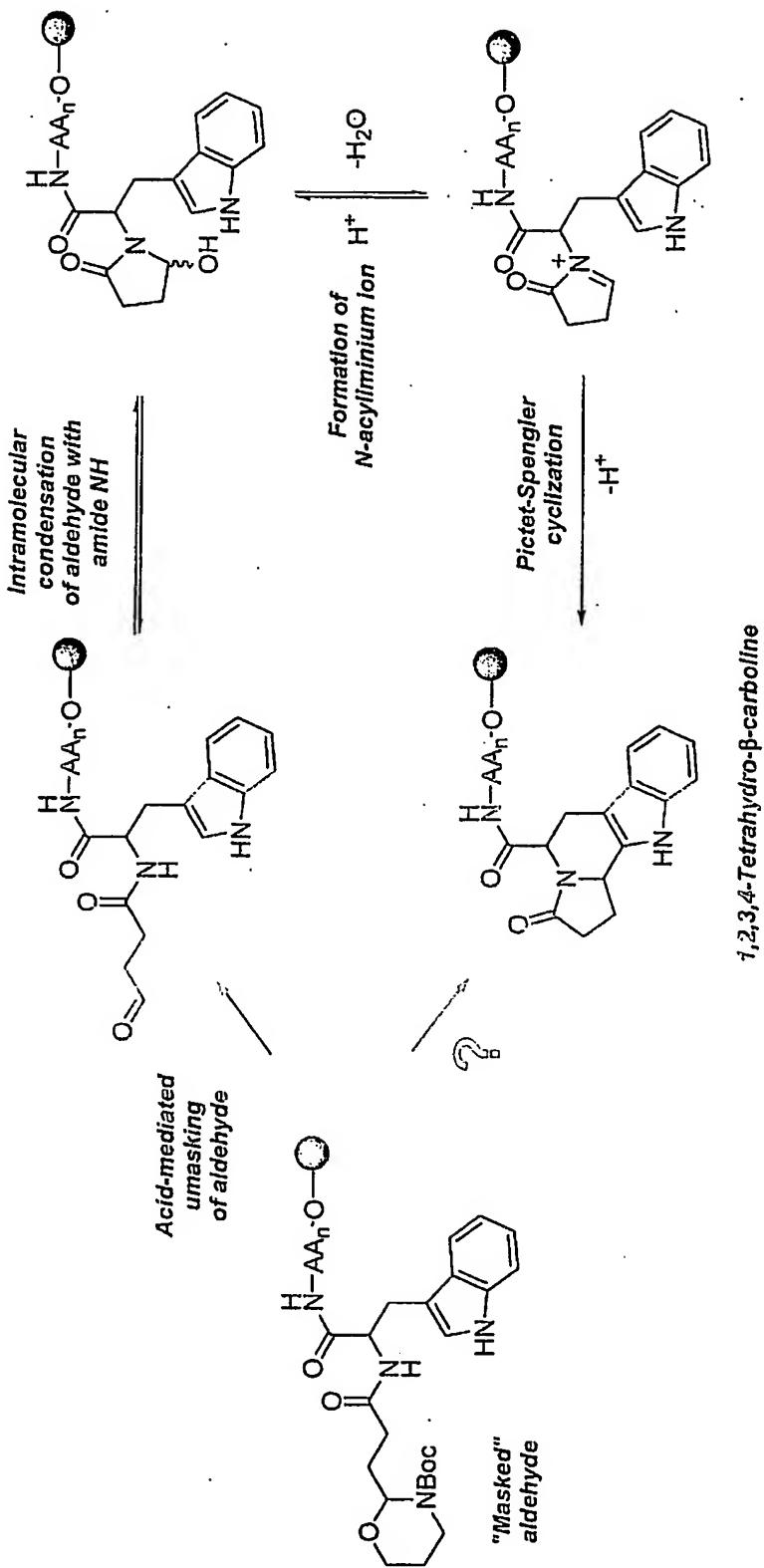


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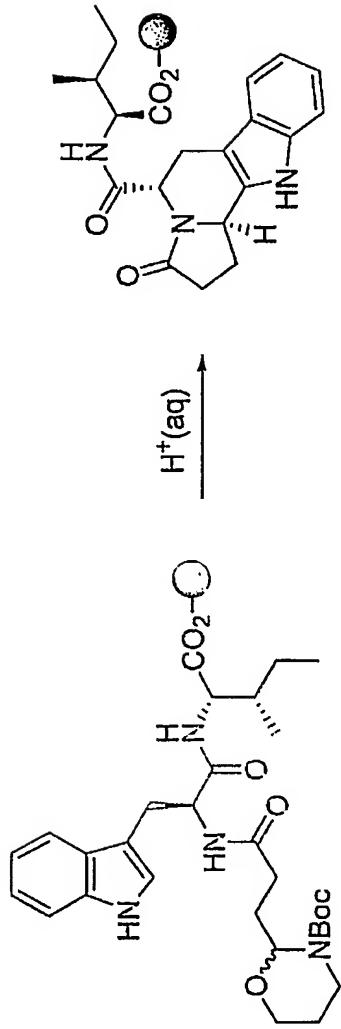
Fig. 1

*1,2,3,4-Tetrahydro-β-carboline*

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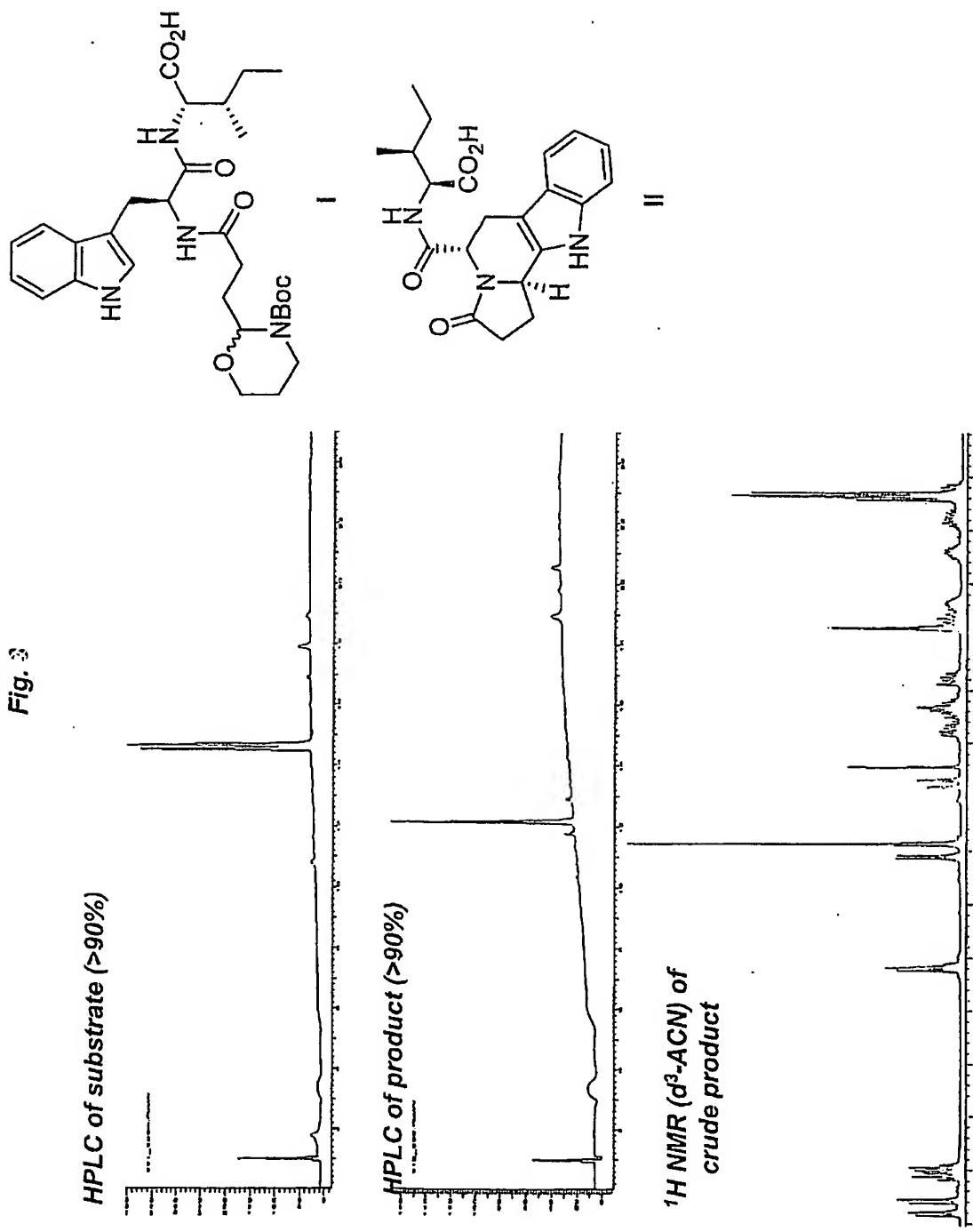
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Fig. 2



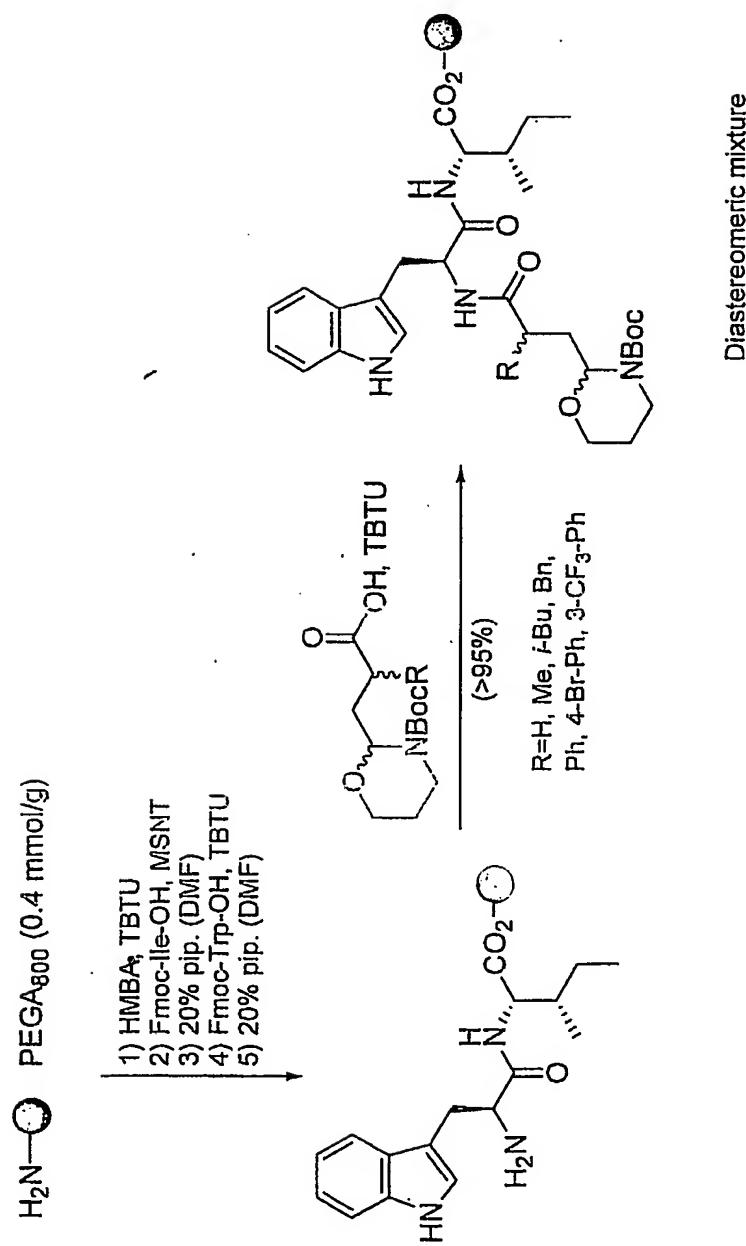
Entry	Acid (aq)	Ratio (substrate:intermediates:PS-product)		
		15 min	1 h	20 h
1	50% $\text{H}_2\text{C}_2\text{OH}$	0:10:90	0:0:100	-
2	50% CH_3COOH	95:5:0	70:20:10	0:0:100
3	50% CH_2ClCOOH	5:40:55	0:0:100	-
4	20% CSA	0:20:80	0:0:100	-
5	20% NH_2COOH	30:40:30	0:20:80	0:0:100
6	10% $\text{C}_2\text{H}_5\text{COOH}$	0:20:80	0:0:100	-
7	10% CF_3COOH	0:0:100	-	-
8	10% HCl	0:0:100	-	-

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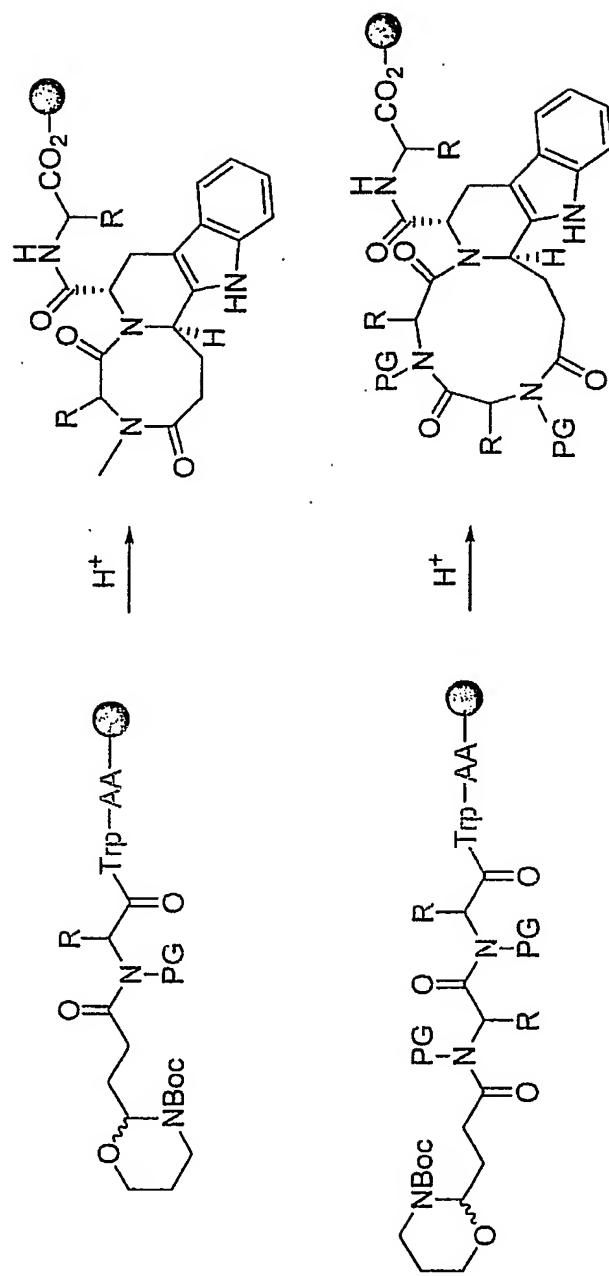
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Fig. 4



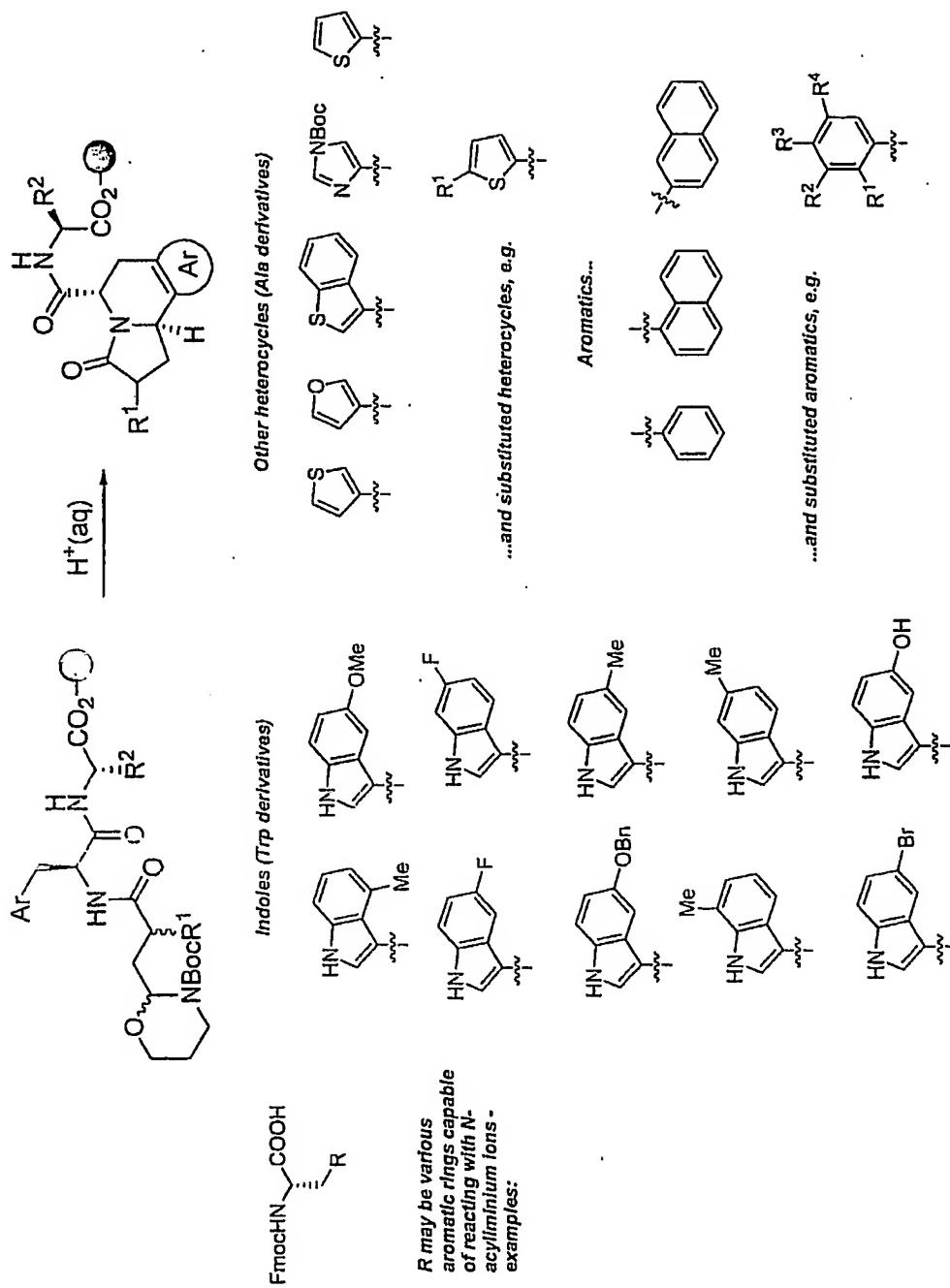
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Fig 5



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Fig. 6



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Fig. 7

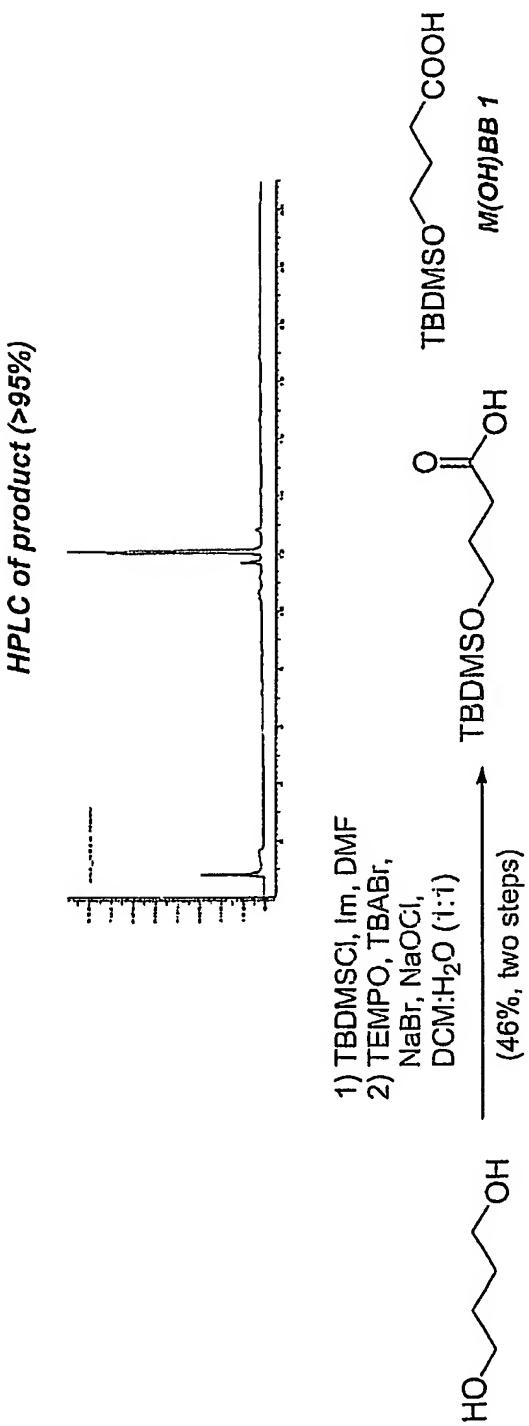
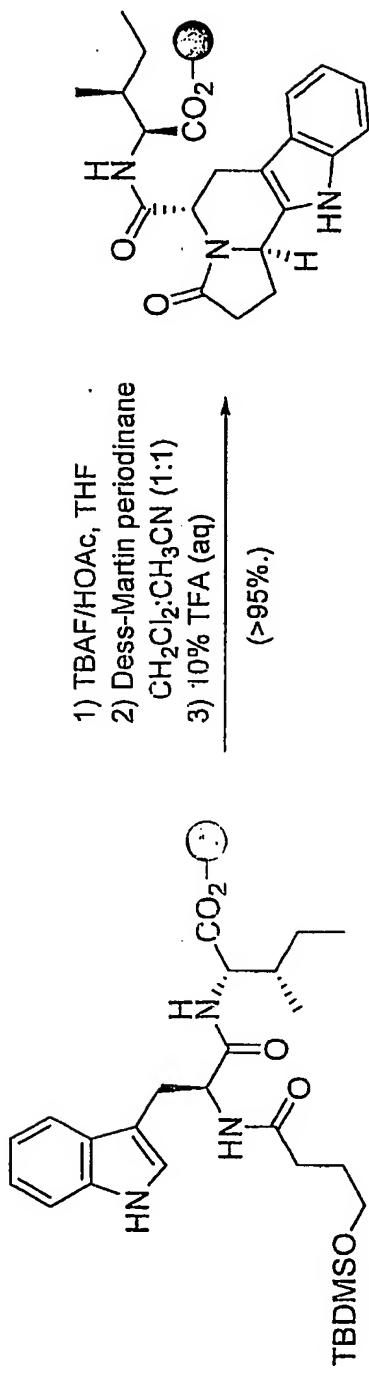
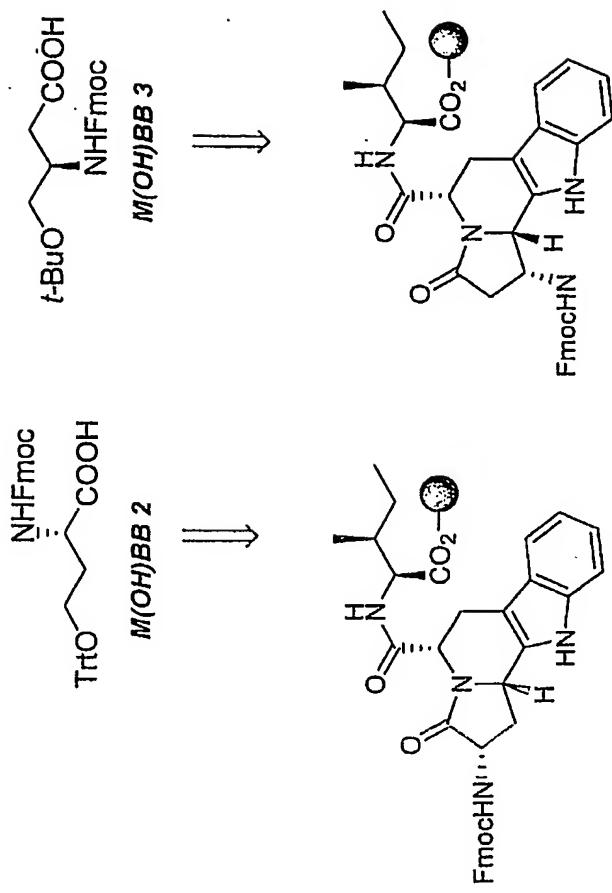


Fig. 8

**Constrained Trp analogues,
or Trp-containing motifs,
e.g. analogues of**

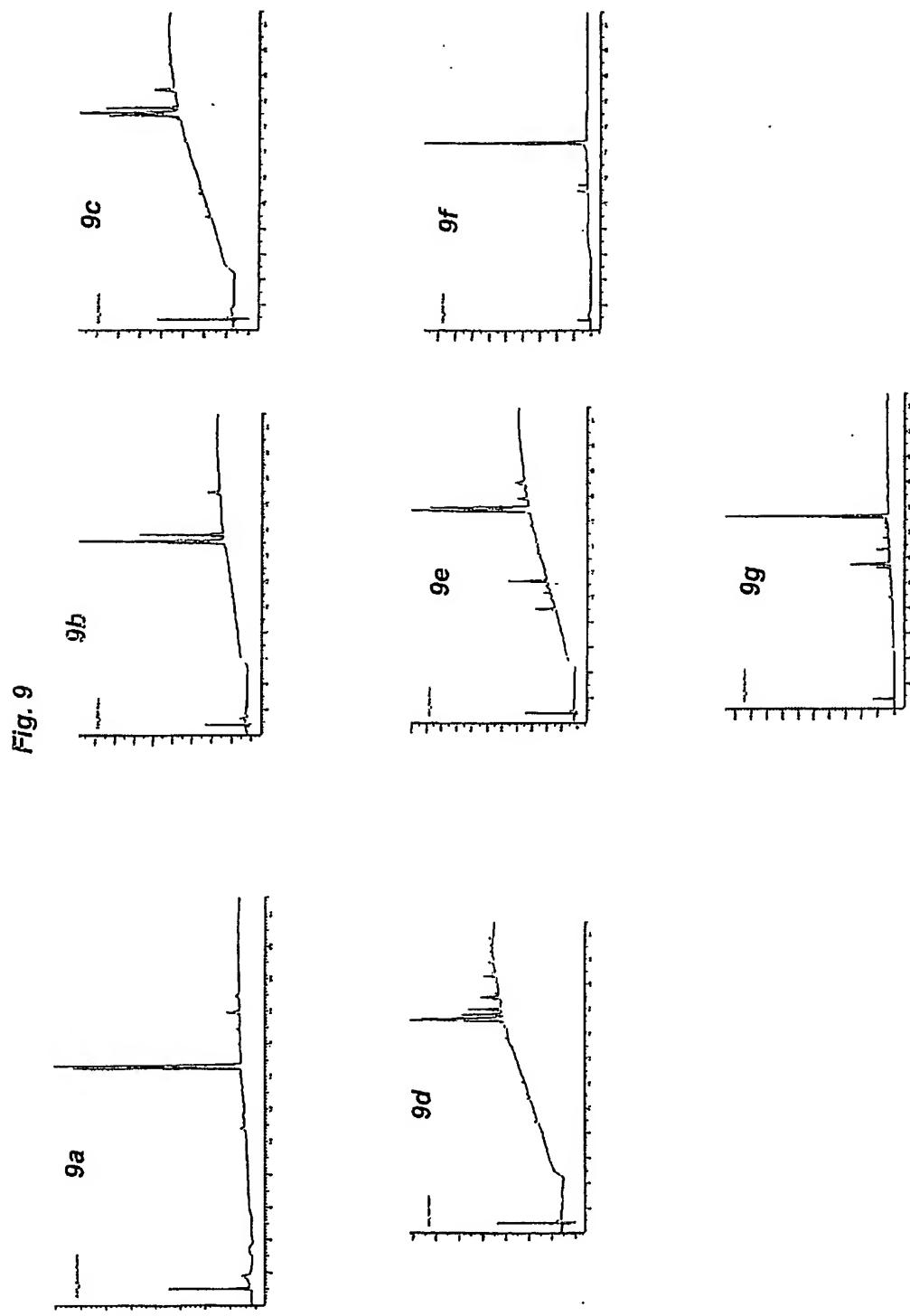
*Somatostatin,
Cholecystokinin,
Melanotropin,
Growth Hormone.
Secretagogues*

Highly potent and selective ligands for biological target receptors



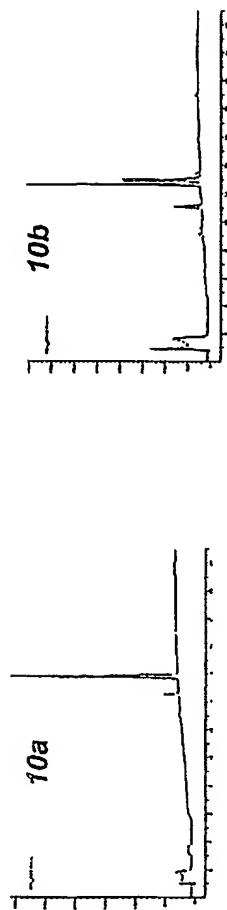
Examples of accessible structures via oxidation/intramolecular N-acyliminium Picet-Spengler reaction approach

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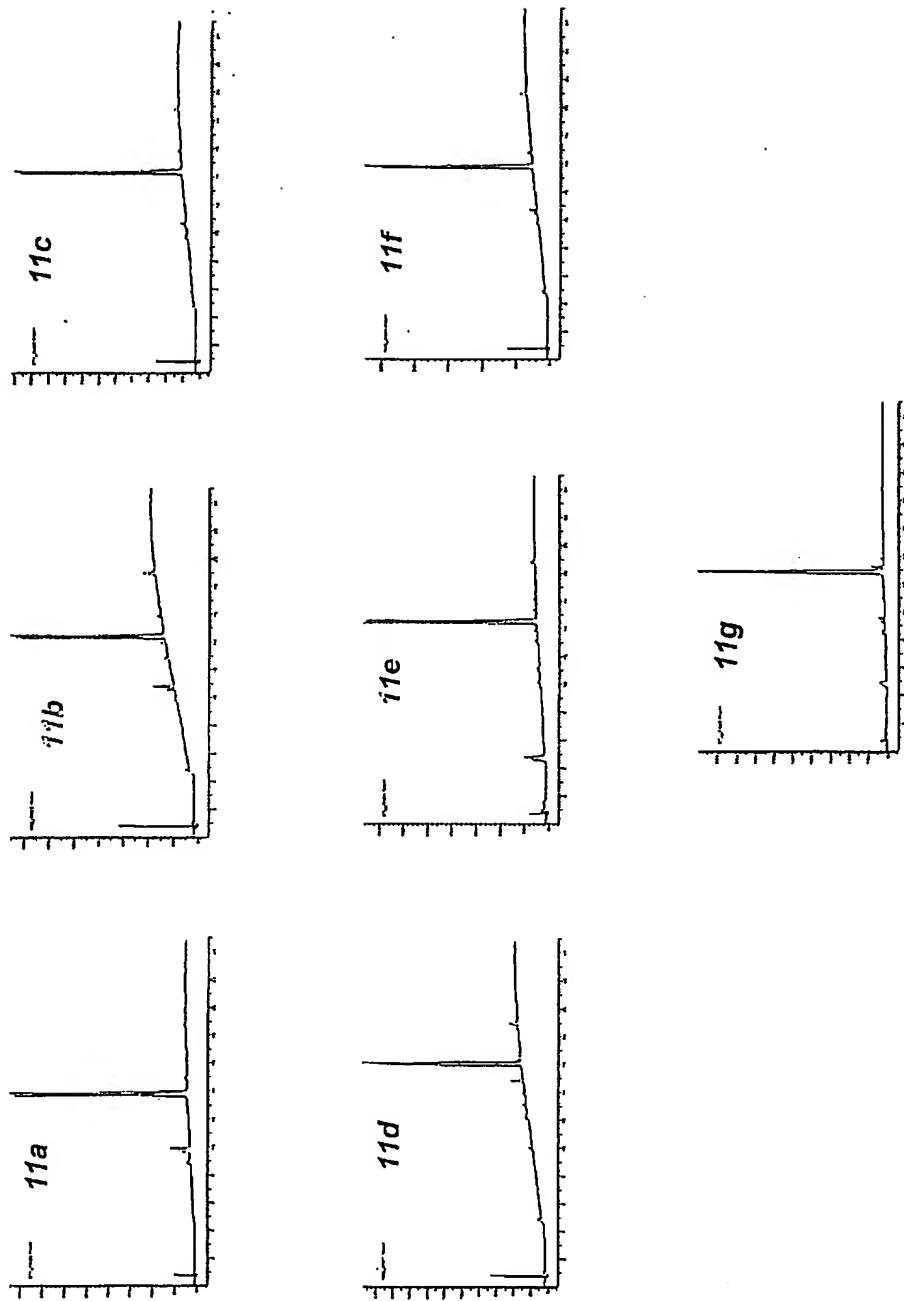


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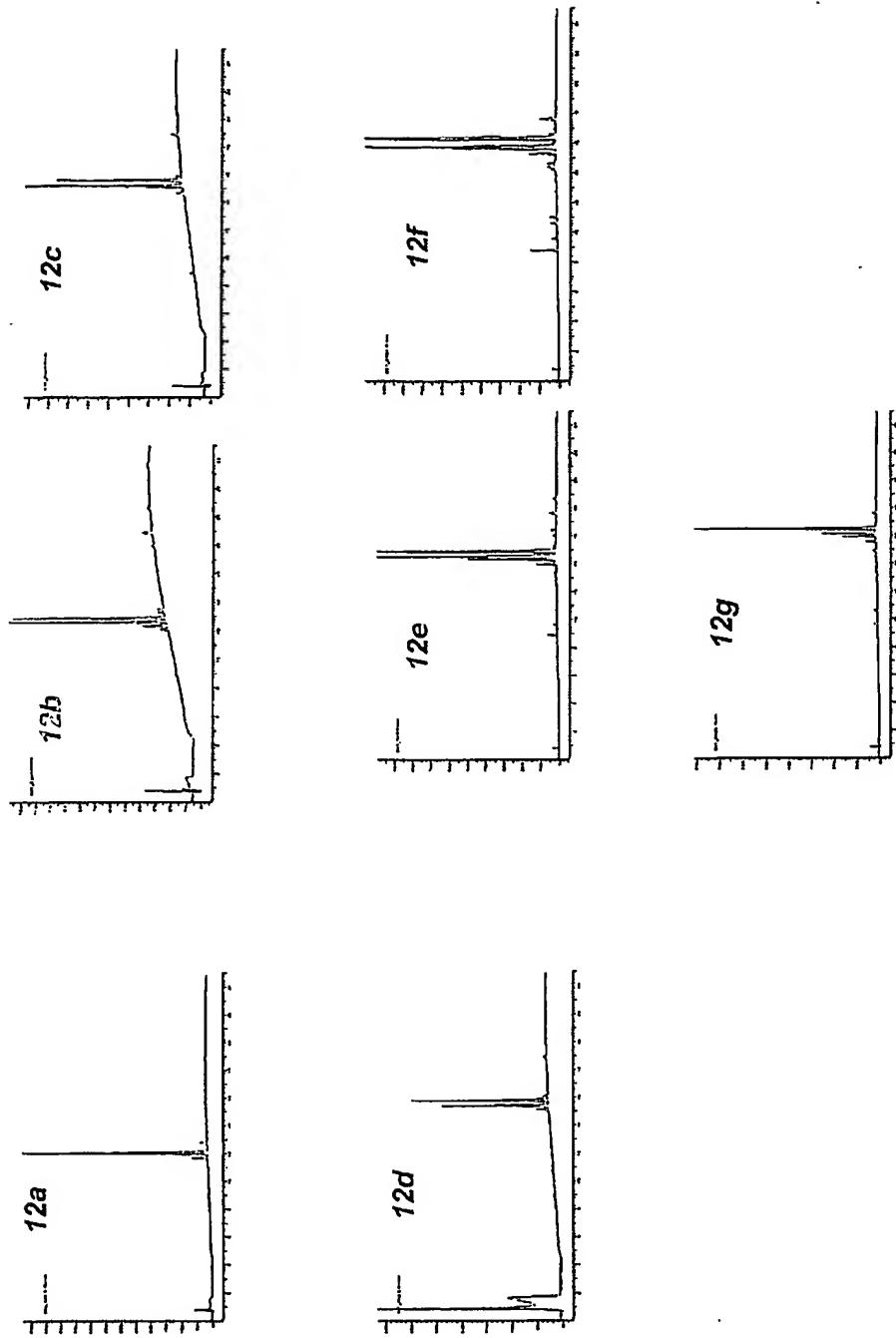
Fig. 10



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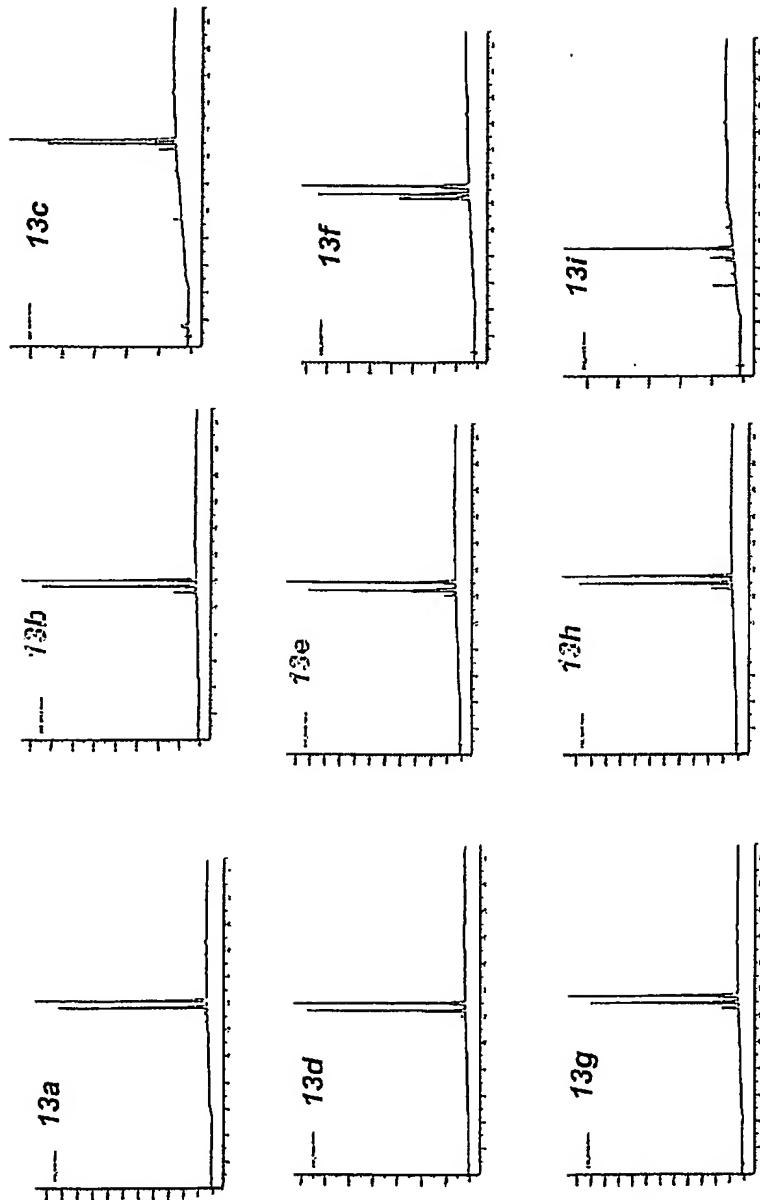
Fig. 11

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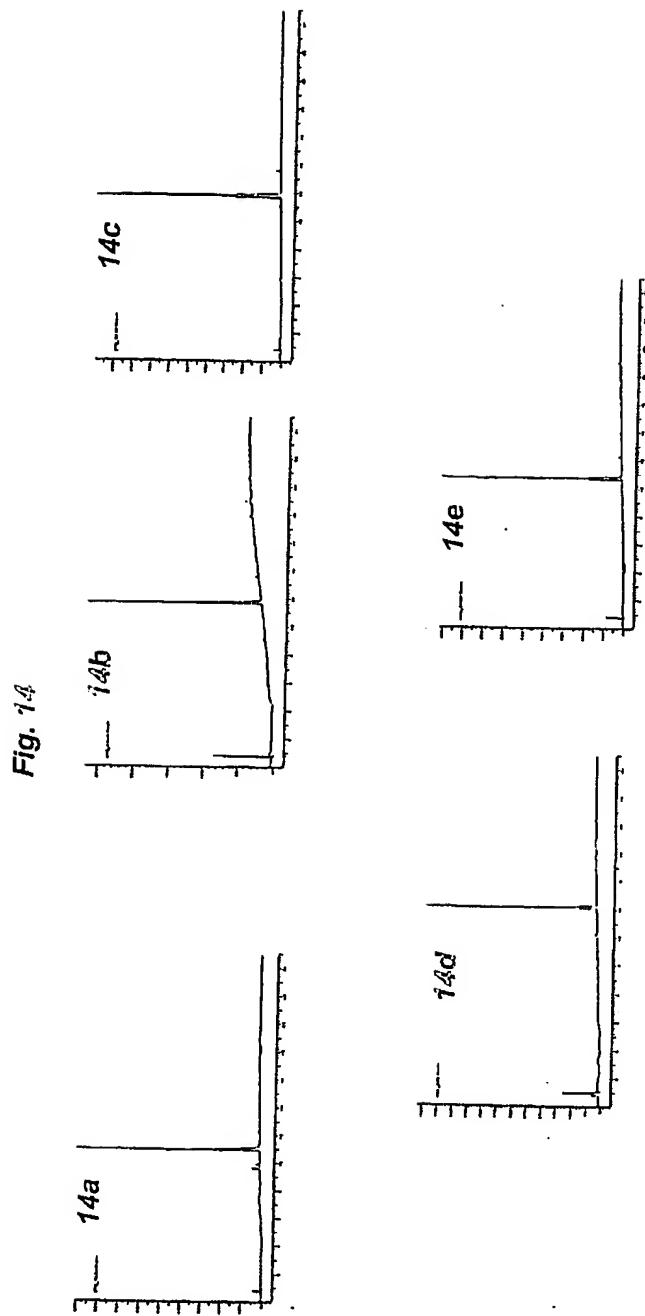
Fig. 12

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Fig. 13.



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